

**Amendments to the Drawings:**

The attached sheet of drawings includes changes to figure 4. This sheet, which includes figures 3 and 4, replaces the original sheet including figures 3 and 4.

Attachment: Replacement sheet.

### **REMARKS**

This preliminary amendment is being submitted in conjunction with a Request for Continued Examination (RCE). Applicants respectfully request entry of this Preliminary Amendment prior to initial examination.

Claims 1-37 have been canceled. New claims 38-48 have been added.

#### **Drawing Objection**

Figure 4 was objected to under 37 CFR 1.83(a). The IF port and balun B3 have been added to figure 4 in the attached replacement sheet. Support for this change is found in the specification on page 9, lines 2-9 and in figure 4. No new matter has been added.

Figure 4 was also objected to in regards to claim 35. Claim 35 has been canceled.

Withdrawal of the drawing objection is respectfully requested.

#### **Rejection under 35 USC 112**

Claims 24-37 were rejected under 35 USC 112 as being unclear. New claims 38-48 have been added to more clearly state the invention.

Withdrawal of the section 112 rejection is respectfully requested.

**Rejection under 35 USC 103**

Claims 24-37 were previously rejected under 35 USC 103(a) over Li (U.S. 5,854,974) in view of Poulin (U.S. 6,278,872) and further in view of Himono (U.S. 3,913,037).

New claims 38-48 are believed to be allowable over the previously cited references.

A notice of allowance is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink that reads "Kevin Redmond". The signature is written in a cursive, flowing style.

Kevin Redmond  
Reg. No. 27,049